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(71) Applicant (for all designated States except US): BIODY-NAMICS [BE/BE]; Joseph Plateaustraat 4, B-8400 Oostende (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MAES, Francis [BE/BE]; Ringlaan Noord 79, B-8420 De Haan (BE). DE KEUKELEIRE, Denis [BE/BE]; Gontrode Heirweg 115, B-9090 Melle (BE). HEYERICK, Arne [BE/BE]; Jules Persynstraat 73, B-9050 Gentbrugge (BE).

(74) Agents: LUYS, Marie-José et al.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (BE). (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: PRODUCTION OF HOP EXTRACTS HAVING OESTROGENIC AND ANTIPROLIFERATIVE BIOACTIVITY

(57) Abstract: The present invention relates to a method for the production of a hop extract which is enriched in 8-prenylnaringenin with respect to 6-prenylnaringenin, which method comprises the steps of subjecting a hop product to (1) an isomerisation reaction in the presence of water as a solvent and in the presence of an amount of a base and (2) to at least one extraction. In that way a hop extract may be extract is obtained which contains 6-prenylnaringenin and 8-prenylnaringening in a ratio (8-prenylnaringenin x 100%)/(8-prenylnaringenin + 6prenylnaringenin) of at least 50%. The extract preferably also contains xanthohumol, the weight ratio of xanthohumol to 8-prenylnaringenin being at least 10.

